

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Lee and Huynh	Art Unit:	Not Yet Assigned
Parent Serial No.	09/412,791	Examiner:	Not Yet Assigned
Parent Filing Date	October 5, 1999		
Serial No.:	Not Yet Assigned		
Filed:	January 14, 2004		
Title:	GROWTH DIFFERENTIATION FACTOR-7		

Mail Stop PATENT APPLICATION


Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 § CFR 1.97, Applicants bring to the Examiner's attention the related parent patent application, U.S. Serial No. 09/412,791, filed October 5, 1999, which is relied upon for an earlier filing date under 35 USC § 120. For the convenience of the Examiner, copies of the PTO Forms 892 and 1449 are enclosed.

It is respectfully requested that these references be considered in the examination of this application and their consideration be made of written record in the application file.

CERTIFICATION UNDER 37 CFR §1.10	
"EXPRESS MAIL" Mailing Label Number: EV 318 740 266 US	
Date of Deposit: January 14, 2004	
I hereby certify that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" with sufficient postage on the date indicated above and is addressed to: Mail Stop PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
JASON BERRY	
(Name of Person Mailing Paper)	
(Signature) 	January 14, 2004 (Date)

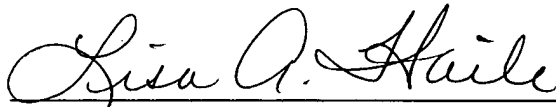
In re Application of:
Lee and Huynh
Application No.: Not Yet Assigned
Filed: January 14, 2004
Page 2

PATENT
Attorney Docket No.: JHU1130-4

No fee is deemed necessary in connection with the filing of this Information Disclosure Statement, because it is being filed prior to the receipt of a first office action on the merits of the above-captioned application. However, if any fee is required, authorization is hereby given to charge any fees associated with the filings submitted herewith, or credit any overpayment to Deposit Account No. 50-1355. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Date: January 14, 2004



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SUBSTITUTE FORM PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 072657081001 JH41130-3	SERIAL NO. 081581,528 09/412,791
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b))		APPLICANT Lee et al.	
		FILING DATE January 9, 1996 10/5/99	GROUP 1812 1646

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA						
AB						
AC						
AD						
AE						
AF						

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
AG							
AH							
AI							
AJ							
AK							

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

PM	AL	Se-Jin Lee, Expression of growth/differentiation factor 1 in the nervous system: Conservation of a bicistronic structure, <i>Proc. Natl. Acad. Sci. USA.</i> , 88 : pps. 4250-4254, May 1991.
PM	AL	GDF-3 and GDF-9: Two New Members of the Transforming Growth Factor- β Superfamily Containing a Novel Pattern of Cysteines*, <i>The Journal of Biological Chemistry</i> , Vol. 268, No. 5, February 15, 1993, pps. 3444-3449.
PM	AM	Se-Jin Lee, Identification of a Novel Member (GDF-1) of the Transforming Growth Factor- β Superfamily, <i>Molecular Endocrinology</i> , 1990, Vol. 4, No. 7, pps. 1034-1039.
	AM	Gene Sequence Database - Isolation of Vgr-2
PM	AN	John M. Wozney et al., Novel Regulators of Bone Formation: Molecular Clones and Activities, <i>Science</i> , Vol. 242 (Research Articles) December 15, 1988, pps. 1528-1534.
PM	AN	Engin Ozkaynak et al., OP-1 cDNA encodes an osteogenic protein in the TGF-B family, <i>The EMBO Journal</i> , Vol. 9, No. 7, 1990, pps. 2085-2093.

EXAMINER Premna Menty	DATE CONSIDERED 6/29/01
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

SUBSTITUTE FORM PTO-1449
(MODIFIED)

 U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

07265/001001 THU 1130-3

SERIAL NO.

08/581,528 09/412,791

 INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)

(37 CFR 1.98(b))

 APPLICANT
Lee et al.

FILING DATE

January 9, 1996 10/5/99

GROUP

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BA						
	BB						
	BC						
	BD						
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	BI						
	BJ						
	BK						

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	BL							
	BM							
	BN							
	BO							
	BP							

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

PM	BQ	Engin Ozkaynak et al., Osteogenic Protein-2, <i>The Journal of Biological Chemistry</i> , Vol. 267, No. 9, December 15, 1992, pps. 25220-25227.
PM		Anthony J. Celeste, Identification of transforming growth factor β family members present in bone-inductive protein purified from bovine bone, <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 87, December 1990, pps. 9843-9847.
PM	BR	Karen Lyons et al., Vgr-1, a mammalian gene related to Xenopus Vg-1, is a member of the transforming growth factor β gene superfamily, <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 86, June 1989, pps. 4554-4558.
	BS	

EXAMINER

Prema Nentz

DATE CONSIDERED

6/29/01

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SUBSTITUTE FORM PTO-1449 (MODIFIED)		DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 07265/081001 SHU 1130-3	Sheet 3 of 3 SERIAL NO. 08/581,528 09/412,791		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				APPLICANT: Lee et al.			
(37 CFR 1.98(b))				FILING DATE September 9, 1996 10/5/99	GROUP 1842 1646		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION							
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO
PM	AL	WO/92/00382	1/9/92	Europe	X	X	
	AM	WO 92/07073	4/30/92	Europe			
	AN	WO 93/16099	8/19/93	Europe			
	AO	WO 95/01801	1/19/95	Europe			
	AP	WO 94/15949	7/21/94	Europe			
✓	AQ	WO 95/16035	6/15/95	Europe			
OTHER DOCUMENTS (including Author, Title, Date, Place of Publication)							
PM	AR	Elaine E. Storm et al. "Mus Musculus Balb/c Putative Growth Factor GDF7 (Gdf7) Gene"					
PM	AS	Elaine E. Storm et al., "Limb Alterations in <i>Brachypodism</i> Mice Due to Mutations in a New Member of the TFGβ-Superfamily", <i>Nature</i> , 368:639-643 (4/14/94)					
EXAMINER	Prerna Menf			DATE CONSIDERED 6/29/01			
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Notice of References Cited

Application No.

09/412,791

Applicant(s)

Lee et al.

Examiner

Presma Murthy

Group Art Unit

1646

Pag 1 of 1

U.S. PATENT DOCUMENTS

*	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS
A					
B					
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FOREIGN PATENT DOCUMENTS

*	DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUBCLASS
N						
O						
P						
Q						
R						
S						
T						

NON-PATENT DOCUMENTS

*	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
U	Doerks et al. TIG, Vol. 14, No. 6, pages 248-250	6/1998
V	Mikoyama et al. Proc. Natl. Acad. Sci. USA Vol. 90, pages 10056-10060	1993
W	Voet et al. Biochemistry. John Wiley & Sons, Inc., pages 126-128 and 228-234	1990
X		

* A copy of this reference is not being furnished with this Office action.
(See Manual of Patent Examining Procedure, Section 707.05(a).)